

Product datasheet for **SC320869**

SLC35B1 (NM_005827) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SLC35B1 (NM_005827) Human Untagged Clone
Tag: Tag Free
Symbol: SLC35B1
Synonyms: AXER; UGTREL1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_005827.1
 GCCGGTCGGCGATGTCCGGCTGGAGCTGTCGCCTCCGCCGCCGCTGCTGCCGGTGCCGGT
 GTGAGCGGGTCTCCAGTCGGCTCCTCTGGGCGTCTCATGGCCTTAGCAGCTCCCTGGT
 GCCCGACCGGCTGCGCCTGCCGCTCTGCTTCTGGGTGTCTTTGTCTGCTATTTTACTA
 TGGGATCTGCAGGAAAAGATAACAAGAGGAAAGTATGGGGAAGGAGCCAAGCAGGAGAC
 GTTCACTTTGCCTTAACCTTTGGTCTTCAATCAATGTGTGATCAATGCTGTGTTGCCAA
 GATCTTGATCCAGTTTTTGGACTGCCAGGGTGGATCATACCCGGAGCTGGCTCTATGC
 TGCCTGTTCTATCTCTATCTGGGTGCCATGGTCTCCAGCAATTCAGCACTACAGTTTGT
 CAACTACCAACTCAGGTCCTTGGTAAATCCTGCAAGCCAATCCCAGTCATGCTCCTTGG
 GGTGACCCTCTTGAAGAAGAAGTACCCGTTGGCCAAGTACCTGTGTGTGCTGTTAATTGT
 GGCTGGAGTGGCCCTTTTATGTACAAACCCAAGAAAGTTGTTGGGATAGAAGAACACAC
 AGTCGGCTATGGAGAGCTACTCTTGCTATTATCGCTGACCTGGATGGACTGACTGGTGT
 TTCCCAGGACCACATGCCGGCTCATTACCAAACAGGCTCCAACCACATGATGCTGAACAT
 CAACCTTTGGTCGACATTGCTGCTGGGAATGGGAATCCTGTTCACTGGGGAGCTCTGGGA
 GTTCTTGAGCTTTGCTGAAAGGTACCCTGCCATCATCTATAACATCCTGCTCTTTGGGCT
 GACCAGTGCCTGGGTGAGAGCTTATCTTTATGACGGTGTGTATTTTGGTCCCCTGAC
 CTGCTCCATCATCACTACAACCTCGAAAGTTCTTCACAATTTTGGCCTCTGTGATCCTCTT
 CGCCAATCCCATCAGCCCCATGCAGTGGGTGGGCACTGTGCTTGTGTTCTGGGTCTTGG
 TCTTGATGCCAAGTTTGGGAAAGGAGCTAAGAAGACATCCCAGTCCACTAGGAAGAGAGACTA
 CCTCCACATCAAGAATATTTAAGTTATTATCTCAAACAGTGACATCTCTTGGGAAATGG
 ACTTAATAGGAATATGGGACTGAGTTCAGTCTTTTTAATAAAATAAAATCAAGCAAAA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_005827



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_005827.1 , NP_005818.1
RefSeq Size:	1186 bp
RefSeq ORF:	969 bp
Locus ID:	10237
UniProt ID:	P78383
Cytogenetics:	17q21.33
Domains:	DUF6
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a nucleotide sugar transporter which is a member of solute carrier family 35. The transporters in this family are highly conserved hydrophobic proteins with multiple transmembrane domains. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform 1). CCDS Note: The coding region has been updated to scale back the N-terminus to one that is more supported by the available transcript data and by conservation across mammals.</p>